



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

1648
#12
Election
12/4/02
RECEIVED

Applicant: Ashley J. Birkett)

Serial No.: 09/931,325)

Filed: August 15, 2001)

For: Malaria Immunogen
and Vaccine)

Examiner: Zachariah Lucas)

Attorney Docket: NOV 29 2002

ICC-103.1 US
83502

TECH CENTER 1600/2900

Group Art Unit 1648

ELECTION

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the requirement for restriction and election mailed on October 21, 2002, Group I (claims 1-67) drawn to recombinant chimeric HBc proteins is hereby elected without traverse. Invention A, wherein the Plasmodium is Plasmodium falciparum, is also elected. The Plasmodium falciparum B cell epitope elected is that of the sequence NANPNVDP(NANP)₃ of at least SEQ ID NO: 3, whereas the elected T cell epitope is EYLNKIQNSLSTEWSPCSVT of at least SEQ ID NOS: 79 and 148.

The elected single disclosed species is that expressed by plasmid V12.Pf3.1 that contains, from N-terminus toward the C-terminus, the HBc sequence from position 1 through position 78 linked to residues GlyIle from the restriction site linked to the above B cell epitope linked to the residues GluLeu from the restriction site linked to the HBc sequence of position 79 through 149 linked to the above T cell epitope sequence. The

claims readable on the above single disclosed species are as follows: 1, 2, 3, 4, 6, 7, 8-11, 13-17, 19, 20, 22-30, 32-37, 39-43, 45, 46, 48, 49, 51, 53, 54, 56-58, 60-65 and 67.

It is believed that this application is in condition for an action on the merits and for allowance of all of the claims. An early notice to that effect is earnestly solicited.

No further fee or petition is believed to be necessary. However, should any further fee be needed, please charge our Deposit Account No. 23-0920, and deem this paper to be the required petition.

The Examiner is requested to phone the undersigned should any questions arise that can be dealt with over the phone to expedite this prosecution.

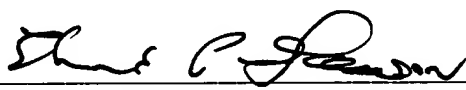
Respectfully submitted,

By 
Edward P. Gamson, Reg. No. 29,381

WELSH & KATZ, LTD.
120 South Riverside Plaza, 22nd Floor
Chicago, Illinois 60606
Phone (312) 655-1500
Fax No. (312) 655-1501

CERTIFICATE OF MAILING

I hereby certify that this Election is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on November 20, 2002.

By 
Edward P. Gamson